

**ACCIDENT
AT CHERNOBYL
NPS AND ITS
LESSONS**

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**ZNANIE
MOSCOW
1990**

1. Share of nuclear power in the world-wide power generation
2. Location of Chernobyl NPS
3. General view of Chernobyl NPS
4. Reactor room of the channel-type high-power reactor (RBMK-1000), control board unit and NPS engine room
5. Technological diagram of RBMK-1000
6. Accident development dynamics
7. Destroyed reactor of the 4th Chernobyl NPS power unit (bird's-eye view).
8. The evacuated township of Pripyat (bird's-eye view)
9. Helicopters at work
10. (1) Working session of the Government commission
(2) Diagnostics of the reactor's state
11. (1) Start of the "Shelter"-project
(2) Work at the Chernobyl NPS area
12. Finished "Shelter"-project

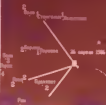
13. Radiation check
14. Aftermaths of the Chernobyl NPS accident
15. Characteristic radiation doses and limits, their influence on the health
16. Average radiation doses of the USSR population
17. Radiation characteristics for the population in the strictly controlled areas
18. Construction of the town of Slavutich
19. Soil recultivation
20. Foreign scientists at the Chernobyl NPS
21. World energy consumption dynamics and prospects for the future
22. (1) USSR fuel power balance structure
(2) Professional damage of different power types
23. Comparison of lethal risks in human life
24. Thermonuclear power is the future's power

Distribution of *Phragmites* in Wetlands, 1980-1990



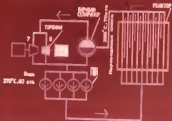
Source: USFWS, 1980-1990; USFWS, 1980-1990

1.25 degree TITANIC COORDINATE & POSITION
 2.25 — — OCEA PARADOX
 3.25 — —
 4.25 — —

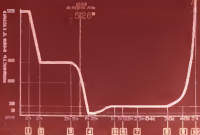








КОМПЬЮТЕРНОЕ МОДЕЛИРОВАНИЕ ПОСЛЕДОВАТЕЛЬНОСТИ ОСНОВНЫХ КОЭФФИЦИЕНТОВ

















ПОСЛЕДСТВИЯ АВАРИИ

ПОТЕРИ	30 млрд.
ПОВРЕЖД. НЕАТОМНОЙ ЭНЕРГЕТИКИ	50 млрд.
РАДИАЦИОНН.	100 млрд.
ВЫБРОС РАДИОАКТИВНЫХ ВЕЩ-В КО РЕАКТОРА	50 млрд.
ЭКОНОМИЧЕСКИЕ ПОТЕРИ	10 млрд. руб.

1986

ХАРАКТЕРНЫЕ ДАННЫЕ И ТЕХНИЧЕСКИЕ ОБОЗНАЧЕНИЯ ВОЗДУШНОГО СУПЛАВЛЕНИЯ НА СУПЛАВЛЕНИЕ.

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CRUISE 200M OCEANOGRAPHY BACKGROUND (in COOP)





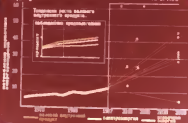




ДИНАМИКА МИРОВОГО ПОТРЕБЛЕНИЯ ЭНЕРГИИ

РИСУН. 1.

ПРОГНОЗ



ЭКОНОМИЧЕСКАЯ ЭФФЕКТИВНОСТЬ РАЦИОНАЛЬНЫХ ВЫБОРОВ (на примере 1 ТВт - час. работы)

Экономическая
 эффективность
 рациональных
 выборов
 ОЭП 0,500-0,5



Экономическая
 эффективность
 рациональных
 выборов
 ОЭП 0,500-0,5

экономика 30.0
 энергетика 30.0



экономика
 энергетика

Q. 1. - H₂O

H₂O + H₂O → H₂O + H₂O

H₂O + H₂O → H₂O + H₂O

